

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) An information exchanging system comprising [[:]] a plurality of information communication terminals that exchange information including a plurality of elements, wherein, of the plurality of information communication terminals an information communication terminal that transmits the information [[includes,]] comprises:

a security-coupling level setting unit which sets a security-coupling level of the plurality of elements of the information;

a dividing rule setting unit which sets a dividing rule that divides the information into a plurality of pieces of loosely coupled information, based on the security-coupling level set by the security-coupling level setting unit;

a dividing unit which divides the information into the plurality of pieces of loosely coupled information, based on the dividing rule set by the dividing rule setting unit; and

a transmitting unit which transmits the plurality of pieces of loosely coupled information divided by the dividing unit, and the dividing rule set by the dividing rule setting unit, and

wherein, of the plurality of information communication terminals an information communication terminal that receives the information [[includes,]] comprises:

a receiving unit which receives the plurality of pieces of loosely coupled information, and the dividing rule; and

a re-structuring unit which re-structures the information from the plurality of pieces of loosely coupled information, based on the dividing rule received by the receiving unit.

2. (Currently Amended) The information exchanging system according to claim 1, wherein the transmitting unit [[further]] comprises a multi-routing unit which transmits the plurality of pieces of loosely coupled information by using a plurality of transmission paths, and wherein the receiving unit receives the plurality of pieces of loosely coupled information from the plurality of transmission paths.

3. (Currently Amended) The information exchanging system according to claim 1, wherein the information communication terminal that transmits the information further [[includes]] further comprises:

a naming rule setting unit which sets a naming rule that sets separate names to the elements instead of their original names;

a separate-name setting unit which sets separate names to the elements of the information [[in stead]] instead of their original names, based on the naming rule set by the naming rule setting unit; and

a naming rule transmitting unit which transmits the naming rule set by the naming rule setting unit, and

wherein the information communication terminal that receives the information [[includes,]] further comprises:

a naming rule receiving unit which receives the naming rule; and

a name changing unit which changes the separate names of the elements of the information to their original names, based on the naming rule received by the naming rule receiving unit.

4. (Currently Amended) The information exchanging system according to claim 1, wherein the information is described in the Extensible Markup Language (XML).

5. (Currently Amended) The information exchanging system according to claim 4, wherein the security-coupling level setting unit sets a security-coupling level based on at least one of names, contents, and attributes of the elements [[, for the elements]] as defined in the document type definition (DTD) for said elements.

6. (Currently Amended) The information exchanging system according to claim 1, wherein the loosely coupled information [[includes]] comprises re-coupling information for re-coupling information in the information terminal device at the receiving side, and

wherein the dividing rule [[includes]] comprises information for specifying a correspondence between the loosely coupled information and the re-coupling information.

7. (Currently Amended) An information communication terminal for [[transmitting/receiving]] transmitting or receiving information including a plurality of elements, the information communication terminal comprising:

a security-coupling level setting unit which sets a security-coupling level of the plurality of elements;

a dividing rule setting unit which sets a dividing rule that divides the information into a plurality of pieces of loosely coupled information, based on the security-coupling level set by the security-coupling level setting unit;

a dividing unit which divides the information into the plurality of pieces of loosely coupled information, based on the dividing rule set by the dividing rule setting unit; and

a transmitting unit which transmits the plurality of pieces of loosely coupled information divided by the dividing unit, and the dividing rule set by the dividing rule setting unit.

8. (Previously Presented) The information communication terminal according to claim 7, further comprising:

a receiving unit which receives the plurality of pieces of loosely coupled information, and the dividing rule; and

a re-structuring unit which re-structures the information from the plurality of pieces of loosely coupled information, based on the dividing rule received by the receiving unit.

9. (Currently Amended) The information communication terminal according to claim 7, wherein the transmitting unit ~~[[includes]]~~ comprises a multi-routing unit which transmits the plurality of pieces of loosely coupled information by using a plurality of transmission paths.

10. (Currently Amended) The information communication terminal according to claim 7, further comprising:

a naming rule setting unit which sets a naming rule that sets separate names to the elements instead of their original names;

a separate-name setting unit which sets separate names to the elements of the information [[in stead]] instead of their original names, based on the naming rule set by the naming rule setting unit; and

a naming rule transmitting unit which transmits the naming rule set by the naming rule setting unit.

11. (Previously Presented) The information communication terminal according to claim 10, further comprising:

a naming rule receiving unit which receives the naming rule; and

a name changing unit which changes the separate names of the elements of the information to their original names, based on the naming rule received by the naming rule receiving unit.

12. (Currently Amended) The information communication terminal according to claim 7, wherein the information is described in the Extensible Markup Language (XML).

13. (Currently Amended) The information communication terminal according to claim 12, wherein the security-coupling level setting unit sets a security-coupling level based on at least one of names, contents, and attributes of the elements [[, for the elements]] as defined in the document type definition (DTD) for said elements.

14. (Currently Amended) The information communication terminal according to claim 7, wherein the loosely coupled information [[includes]] comprises re-coupling information for re-coupling information in the information terminal device at the receiving side, and

wherein the dividing rule includes information for specifying a correspondence between the loosely coupled information and the re-coupling information.

15. (Currently Amended) An information exchanging method that is executed by using an information exchanging system, the information exchanging system comprising a plurality of information communication terminals that exchange information including a plurality of elements, the information communication terminals comprising at least one information communication terminal that transmits the information, and at least one communication terminal that receives the information, the information exchanging method comprising:

[[the]] steps [[of, to be]] executed by [[an]] the information communication terminal that transmits the information, comprising:

setting a security-coupling level of the plurality of elements;

setting a dividing rule that divides the information into a plurality of pieces of loosely coupled information, based on the set security-coupling level;

dividing the information into the plurality of pieces of loosely coupled information, based on the set dividing rule; and

transmitting the plurality of pieces of loosely coupled information to [[an]] another information communication terminal, and

[[the]] steps [[of, to be]] executed by [[the]] the information communication terminal that receives the information, comprising:

receiving the plurality of pieces of loosely coupled information, and the dividing rule; and

re-structuring the information from the plurality of pieces of loosely coupled information, based on the received dividing rule.

16. (Currently Amended) The information exchanging method according to claim 7, wherein the transmitting step ~~[[further]]~~ comprises a multi-routing step of transmitting the plurality of pieces of loosely coupled information by using a plurality of transmission paths, and

wherein at the receiving step, the plurality of pieces of loosely coupled information are received from the plurality of transmission paths.

17. (Currently Amended) The information exchanging method according to claim 15, wherein the steps of the information exchanging method executed by the information communication terminal that transmits the information further ~~[[comprising:]]~~ comprise:

~~the steps of, to be executed by the information communication terminal that transmits the information,~~

setting a naming rule that sets separate names to the elements instead of their original names;

setting separate names to the elements of the information ~~[[in stead]]~~ instead of their original names, based on the set naming rule set; and

transmitting the set naming rule to the information communication terminal that receives the information; and

wherein the steps ~~[[of, to be]]~~ executed by the information communication terminal that receives the information, further comprise:

receiving the naming rule; and

changing the separate names of the elements of the information to their original names, based on the received naming rule.

18. (Currently Amended) The information exchanging method according to claim 15, wherein the information is described in the Extensible Markup Language (XML).

19. (Currently Amended) The information exchanging method according to claim 18, wherein at the security-coupling level setting step, a security-coupling level is set based on at least one of names, contents, and attributes of the elements [[, for the elements]] as defined in the document type definition (DTD) for said elements.

20. (Currently Amended) The information exchanging method according to claim 15, wherein the loosely coupled information [[includes]] comprises re-coupling information for re-coupling information in the information terminal device at the receiving side, and

wherein the dividing rule [[includes]] comprises information for specifying a correspondence between the loosely coupled information and the re-coupling information.

21 (Currently Amended) A computer program that makes an information exchanging system [[transmit/receive]] transmit or receive information including a plurality of elements, the computer program containing instructions for making the information exchanging system execute [[the]] steps [[of]] comprising:

setting a security-coupling level of the plurality of elements;

setting a dividing rule that divides the information into a plurality of pieces of loosely coupled information, based on the set security-coupling level;

dividing the information into the plurality of pieces of loosely coupled information, based on the set dividing rule; and

transmitting the plurality of pieces of loosely coupled information to [[an]] another information communication terminal.

22. (Currently Amended) The computer program according to claim 21, further [[containing]] comprising instructions for making the information exchanging system execute the steps of:

receiving the plurality of pieces of loosely coupled information, and the dividing rule; and
re-structuring the information from the plurality of pieces of loosely coupled information, based on the received dividing rule.

23. (Previously Presented) The computer program according to claim 21, wherein the transmitting step further comprises a multi-routing step of transmitting the plurality of pieces of loosely coupled information by using a plurality of transmission paths.

24. (Currently Amended) The computer program according to claim 21, further comprising instructions for making the information exchanging system execute the steps of:

setting a naming rule that sets separate names to the elements instead of their original names;

setting separate names to the elements of the information [[in stead]] instead of their original names, based on the set naming rule set; and

transmitting the set naming rule to the information communication terminal that receives the information.

25. (Currently Amended) The computer program according to claim 24, further comprising instructions for making the information exchanging system execute the steps of:

receiving the naming rule; and

changing the separate names of the elements of the information to their original names, based on the received naming rule.

26. (Currently Amended) The computer program according to claim 21, wherein the information is described in the Extensible Markup Language (XML).

27. (Currently Amended) The computer program according to claim 26, wherein at the security-coupling level setting step, a security-coupling level is set based on at least one of names, contents, and attributes of the elements [[, for the elements]] as defined in the document type definition (DTD) for said elements.

28. (Currently Amended) The computer program according to claim 21, wherein the loosely coupled information [[includes]] comprises re-coupling information for re-coupling information in the information terminal device at the receiving side, and

wherein the dividing rule includes information for specifying a correspondence between the loosely coupled information and the re-coupling information.

29. (Currently Amended) A computer-readable recording medium recording a computer program that makes an information exchanging system ~~[[transmit/receive]]~~ transmit or receive information including a plurality of elements, the computer program containing instructions for making the information exchanging system execute ~~[[the]]~~ steps ~~[[of]]~~ comprising:

setting a security-coupling level of the plurality of elements;

setting a dividing rule that divides the information into a plurality of pieces of loosely coupled information, based on the set security-coupling level;

dividing the information into the plurality of pieces of loosely coupled information, based on the set dividing rule; and

transmitting the plurality of pieces of loosely coupled information to ~~[[an]]~~ another information communication terminal.